

Application No.: 09/517,952

Docket No.: MWS-037RCE

AMENDMENTS TO THE DRAWINGS

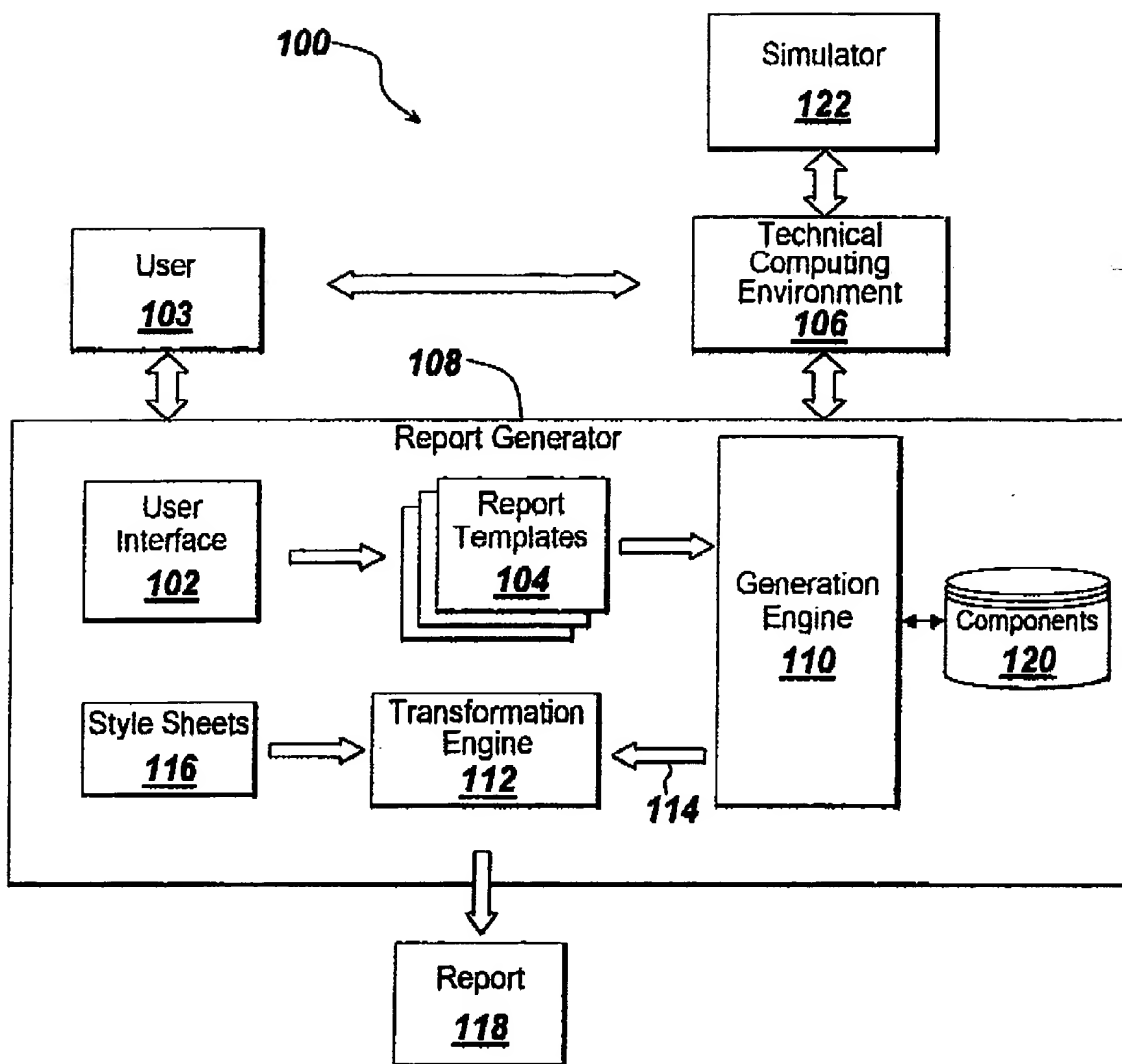
The Examiner objected to Figures 3-10 because the characters in the shaded area were not shown clearly. Applicants direct the Examiners attention to substitute Figures 3-10 which were submitted on June 9, 2004, to correct the objection by removing the shading from the areas where characters are shown. For the Examiner's convenience, Applicants submit a second set of substitute Figures 3-10.

Inventor: David CRITZ et al.

Title: REPORT GENERATOR FOR A MATHEMATICAL
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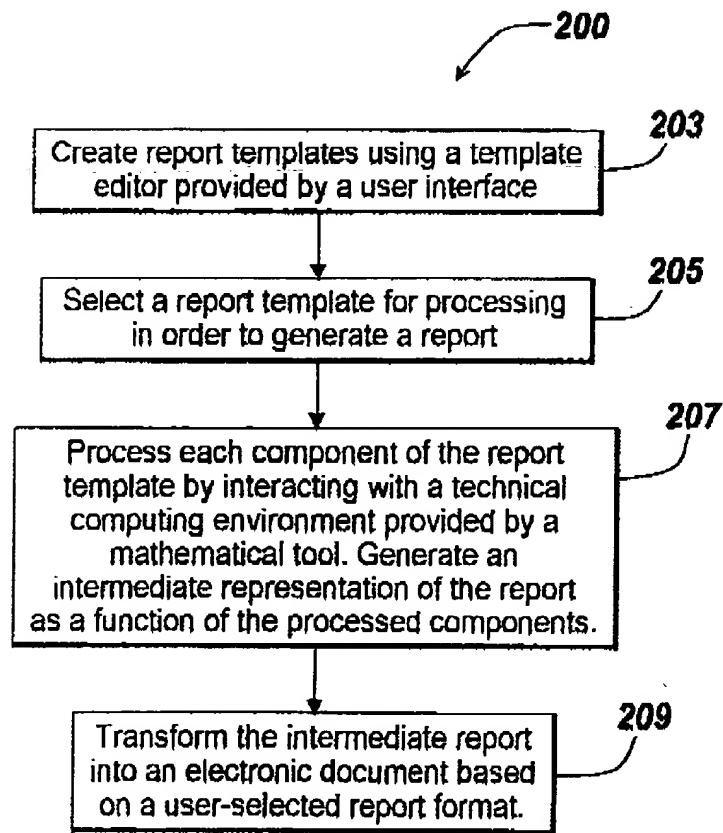
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*Fig. 1*

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*Fig. 2*

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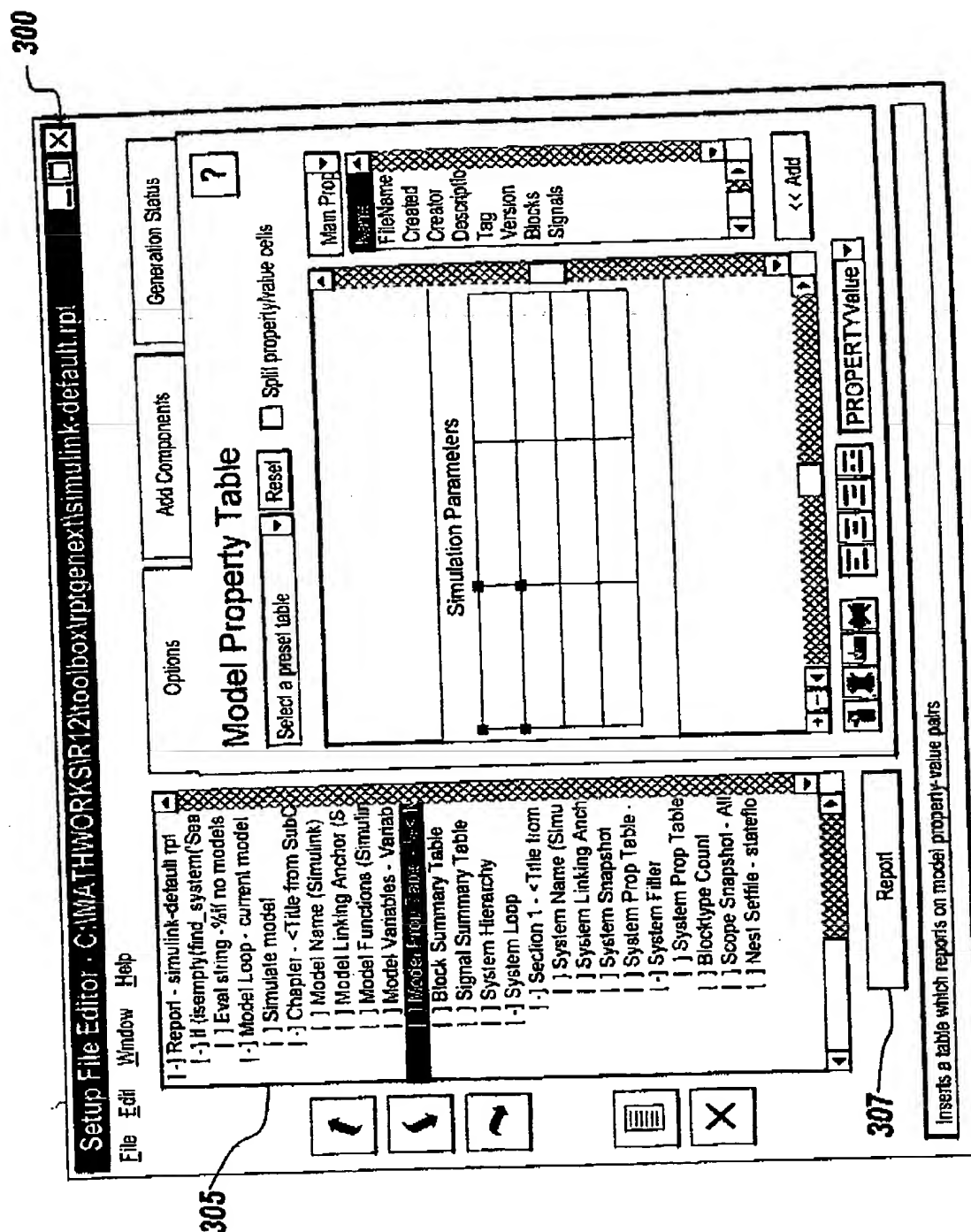
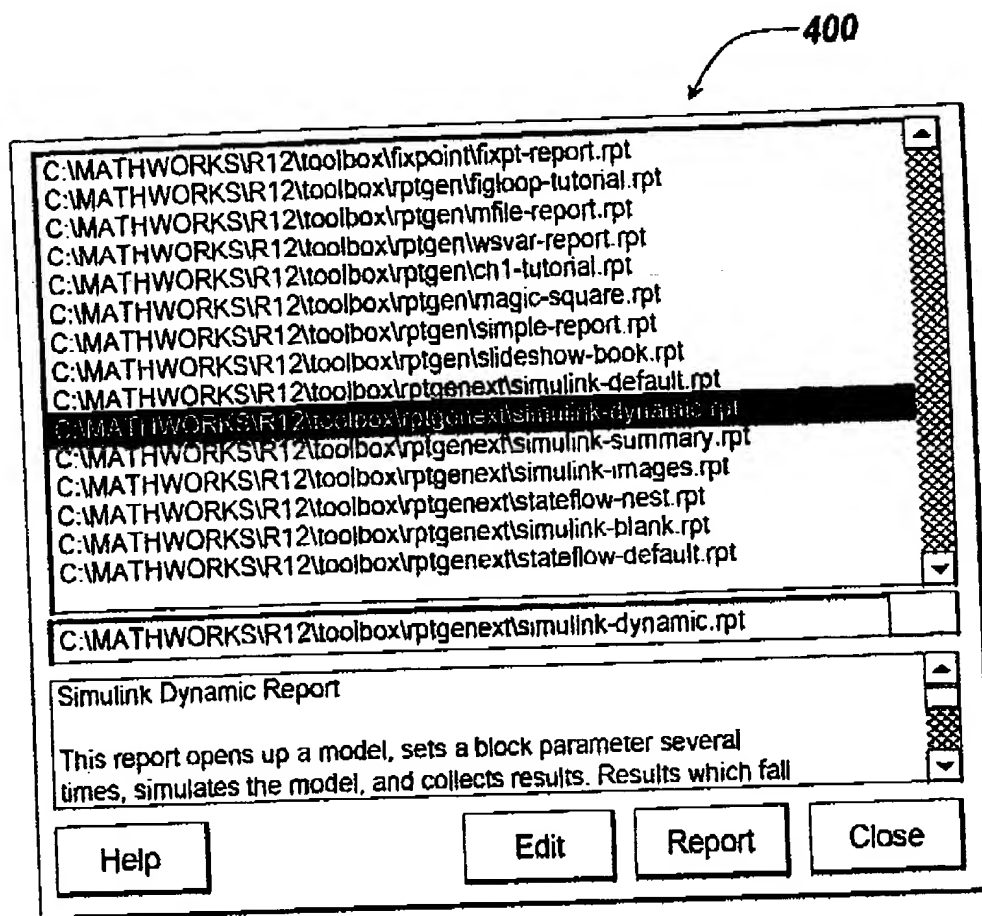


Fig. 3

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*Fig. 4*

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Component Creation Wizard

Component category

Formatting
Handle Graphics
Logical & Flow Control
MATLAB
Report Generator
Simulink
Simulink Blockset: DSP
Simulink Blockset: Fixed-Point
Simulink Blockset: Nonlinear Control Design
Simulink Blockset: Power System
Stateflow
Toolbox: Communications
Toolbox: Control Systems
Toolbox: Financial

FP
Simulink Blockset: Fixed-Point

Category ID
Category name

Use the "Simulink Blockset: Fixed-Point" Setup File Editor category

Cancel Previous Next >> Skip to End >>

Component Category
Component Name
Component Attributes
Component Methods
Confirm Selections

Fig. 5

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File Edit Window Help

Report Generator - GUI - Auto-generated

[-] Paragraph - When peaks.m r
 [] Eval string - %Evaluate PEAK
 [] Graphics Figure Snapshot
 [] Figure Prop Table

Report Options

Report File Location
 D:\v5\bin\nt\ch1-tutorial.html

Directory: ☐ Same as setup file (D:\v5\toolbox\trpigen)
☒ Present working directory (D:\v5\bin\nt)
☐ Other ...

File name: ☒ Same as setup file (ch1-tutorial)
☐ Other Index
☐ If report already exists, increment to prevent overwriting

Report Format & Stylesheet
 web (HTML) Single-Page Simple

Generation Options
☐ ☐ ☐ Edit...

Description
 A simple version of mfile-report.rpt
 This setup file has two components:
 1) Report - specifies the output file location and file format

Options Add Components Generation Status

Report

Inserts a table which reports on model property-value pairs

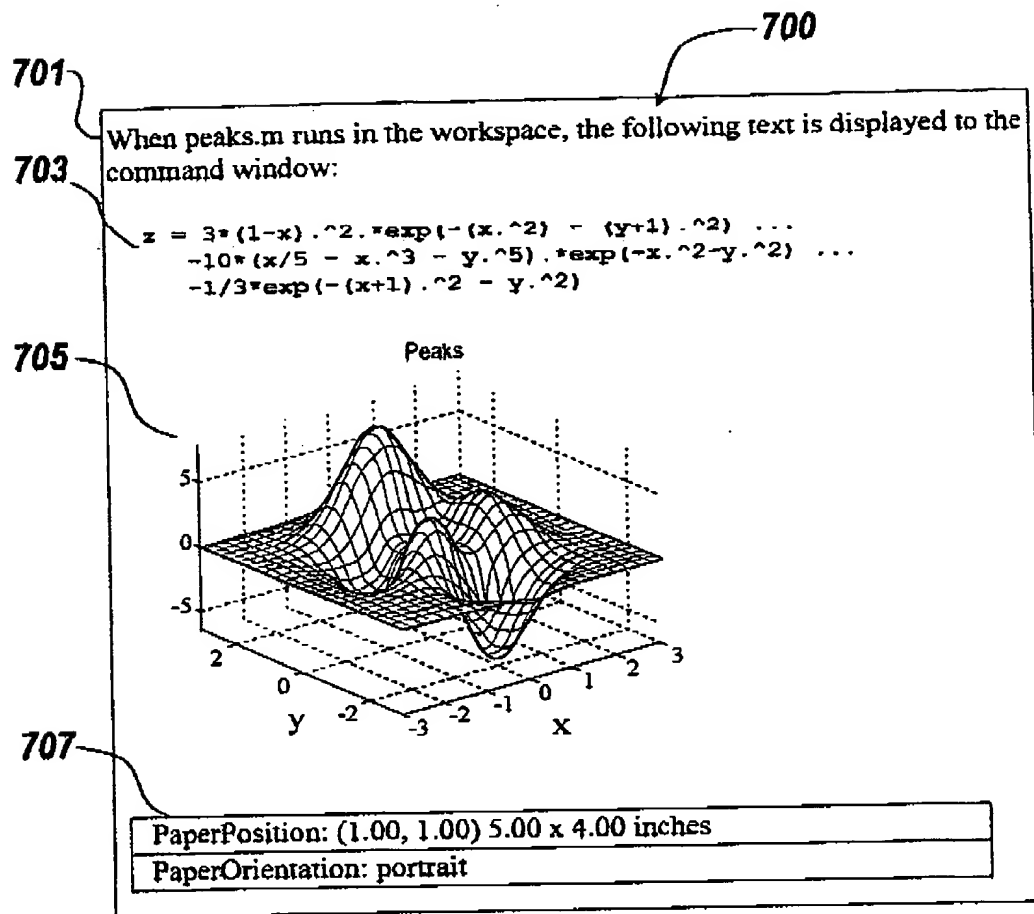
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Fig. 6

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*Fig. 7*

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Formating Components

Component	Output / Behavior
cfrcelltable	Cell Table
cfrsection	Chapter/Subsection
cfrimage	Image
cfrlink	Link
cfrlist	List
cfrparagraph	Paragraph
cfrtext	Text
cfr_titlepage	Title Page

Graphic Handling Components

Component	Output / Behavior
chgfigloop	Figure Loop
chgfigproptable	Figure Property Table
chgfigsnap	Graphics Figure Snapshot
chgobjname	Graphics Object Name
chgproperty	Handle Graphics Parameter

Logical & Flow Control Components

Component	Output / Behavior
cloelse	<if> Else
cloelseif	<if> Elseif
clothen	<if> Then
clofor	For Loop
cloif	Logical If

Fig. 8

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COMPUTING ENVIRONMENT**REPLACEMENT SHEET****9/11****Technical Computing Components**

Component	Output / Behavior
cmleval	Evaluate an Expression
cmlvariable	Insert Variable
cml_ver	MATLAB/Toolbox Version Number
cmlwhos	Variable Table

Reporting Components

Component	Output / Behavior
crg_comment	Comment
crgempty	Empty Component
crg_import_file	Import File
crgnestset	Nest Setup File
crg_halt_gen	Stop Report Generation
crgtds	Time/Date Stamp

Fig. 9

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Simulator Components

Component	Output / Behavior
cslsortblocklist	Block Execution Order
csl_blk_loop	Block Loop
csl_blk_proptable	Block Property Table
cslblockcount	Block Type Count
csl_md1_changelog	Model Change Log
csl_functions	Model Functions
csl_md1_loop	Model Loop
csl_md1_proptable	Model Property Table
cslsim	Model Simulation
csl_variables	Model Variables
csllinktarget	Object Linking Anchor
csllinkname	Object Name
cslproperty	Object Property
csl_summ_table	Object Summary Table
cslscopesnap	Scope Snapshot
csl_sig_loop	Signal Loop
csl_sig_proptable	Signal Property Table
cslfilter	System Filter
cslsyslist	System Hierarchy
csl_sys_loop	System Loop
csl_sys_proptable	System Property Table
cslsnapshot	System Snapshot

State Control Components

Component	Output / Behavior
csf_hier_loop	Stateflow Loop
csf_obj_report	Stateflow Object Report
csf_prop_table	Stateflow Property Table
csf_snapshot	Stateflow Snapshot
crg_halt_gen	Stop Report Generation

Fig. 10

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